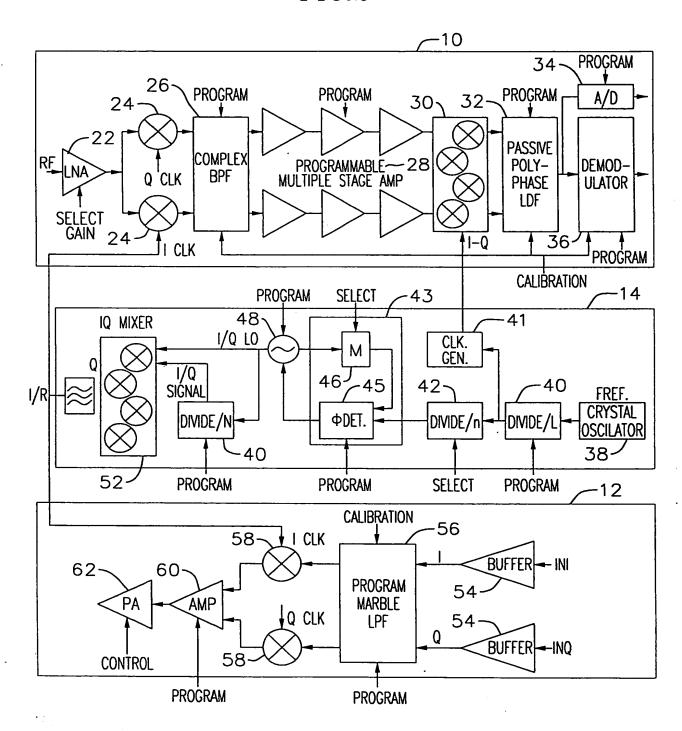
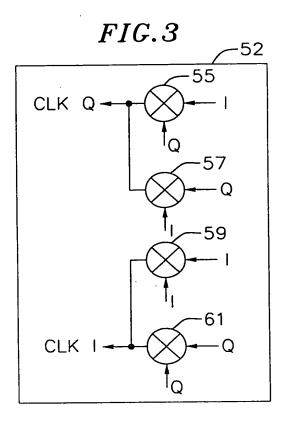




FIG.2







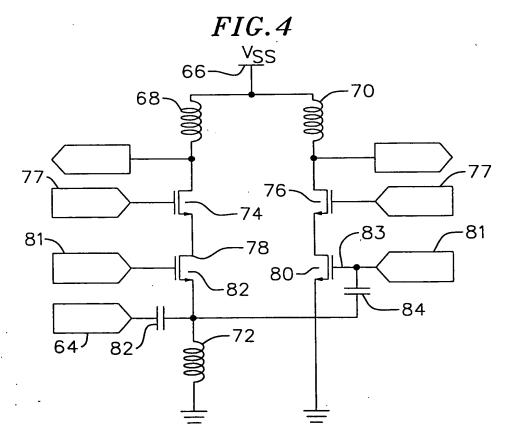




FIG.4(a)

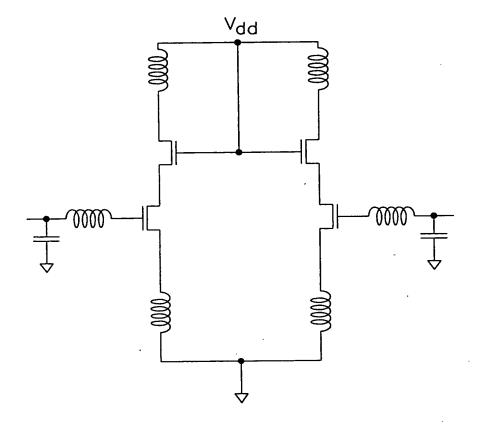




FIG.5

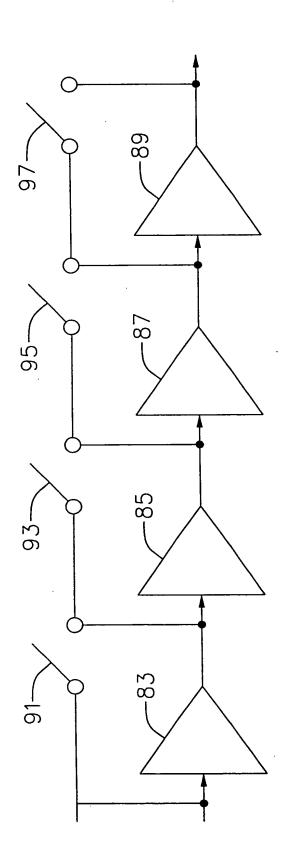




FIG.6

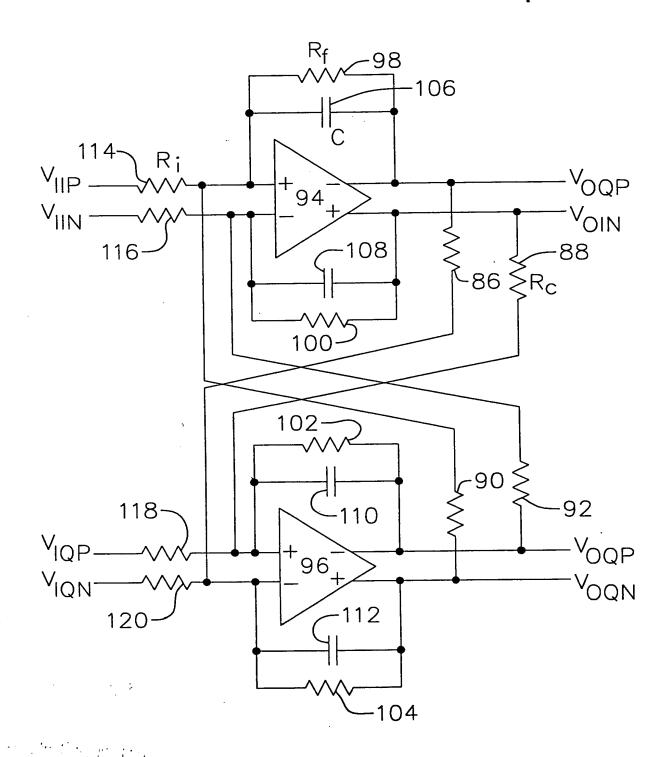




FIG. 7

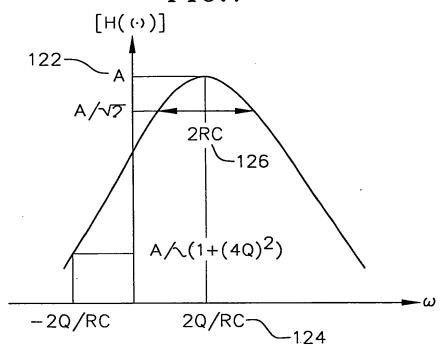


FIG.8

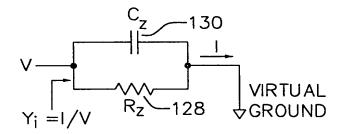


FIG.9

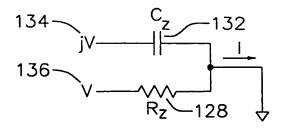
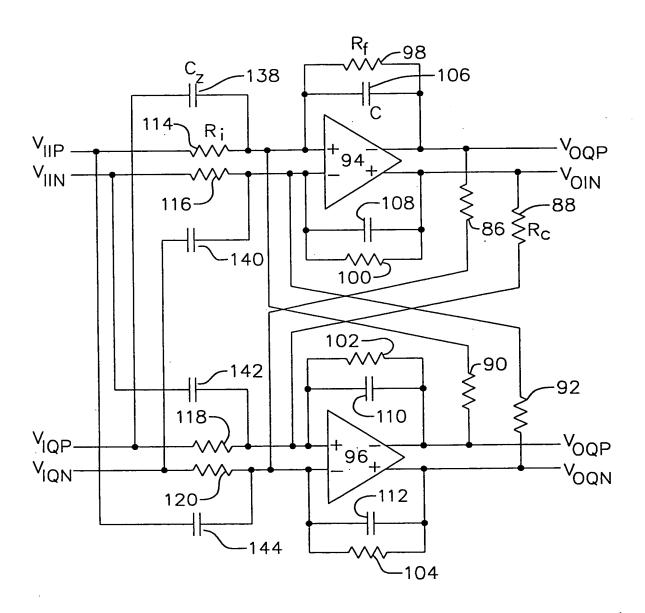
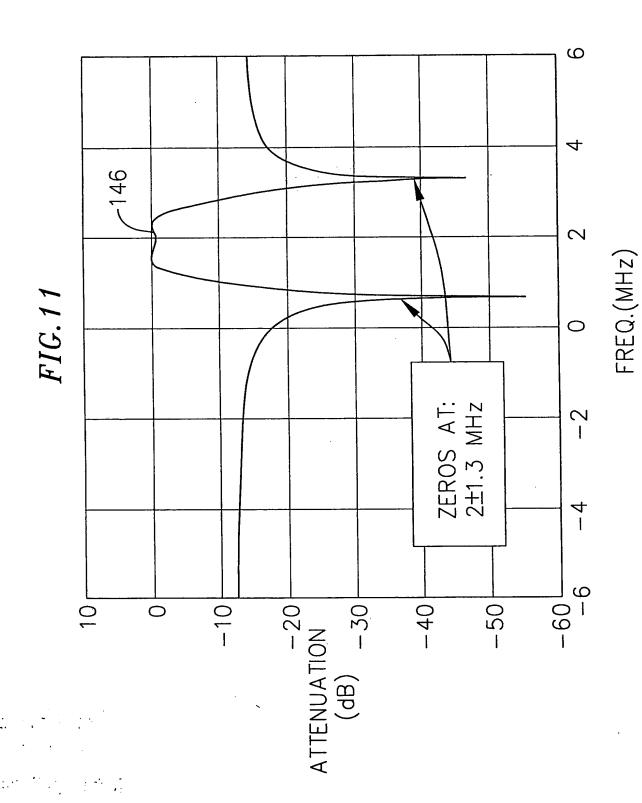




FIG. 10









 $FIG. 12\alpha$

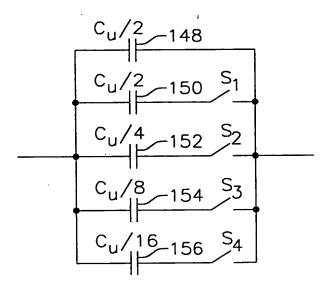


FIG. 12b

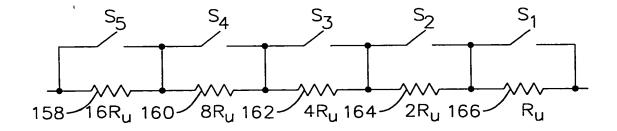




FIG. 13

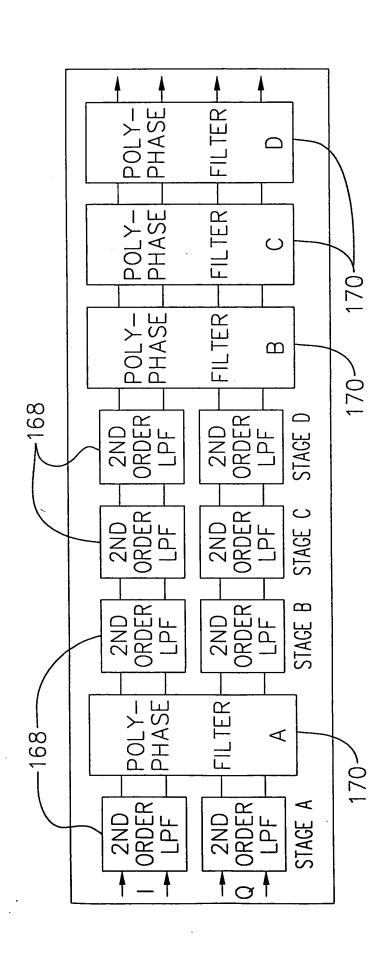
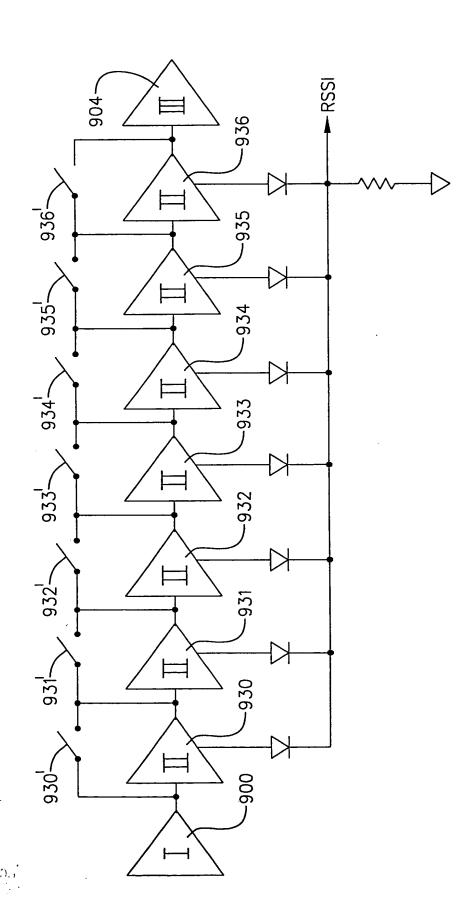
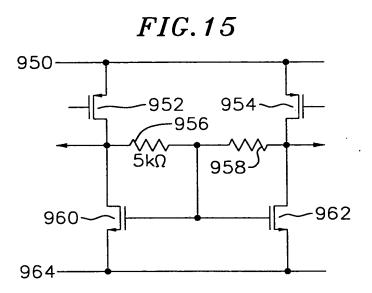




FIG. 14







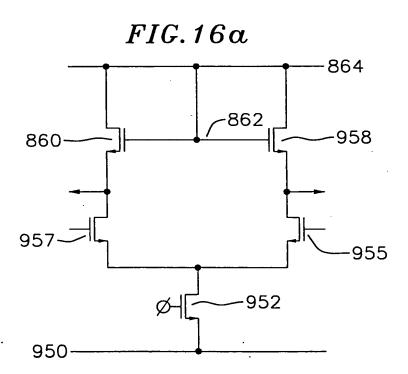
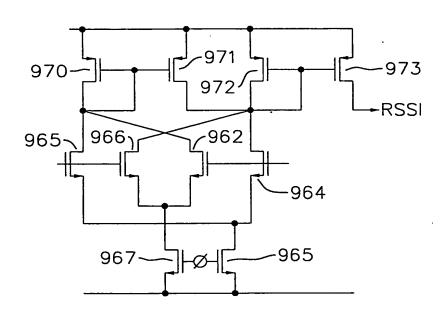


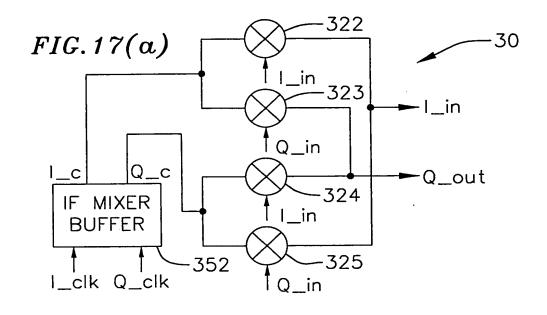


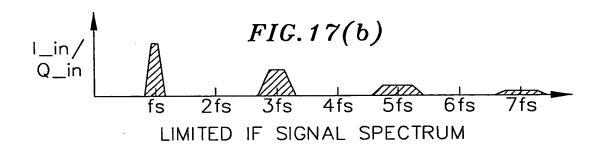
FIG. 16b

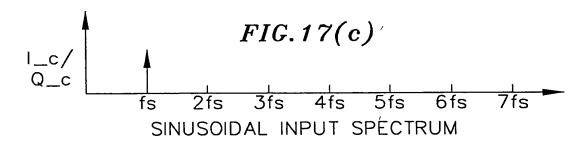


LANGE AND THE WAR









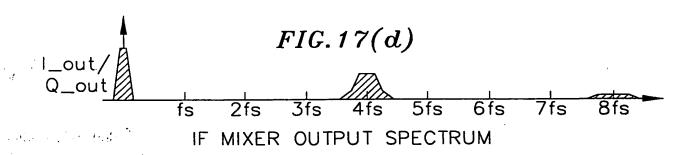
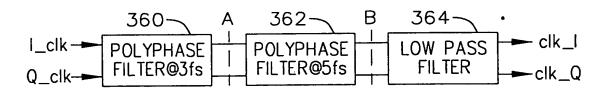
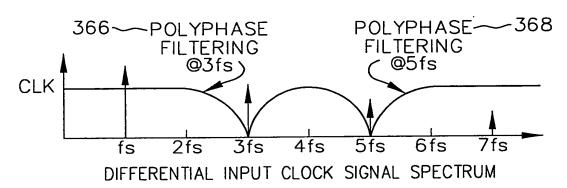


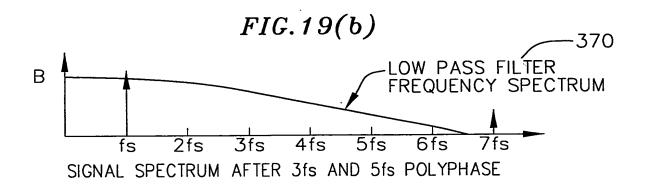


FIG. 18



 $FIG. 19(\alpha)$





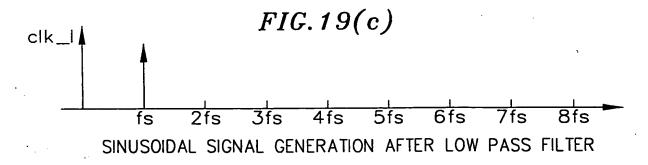
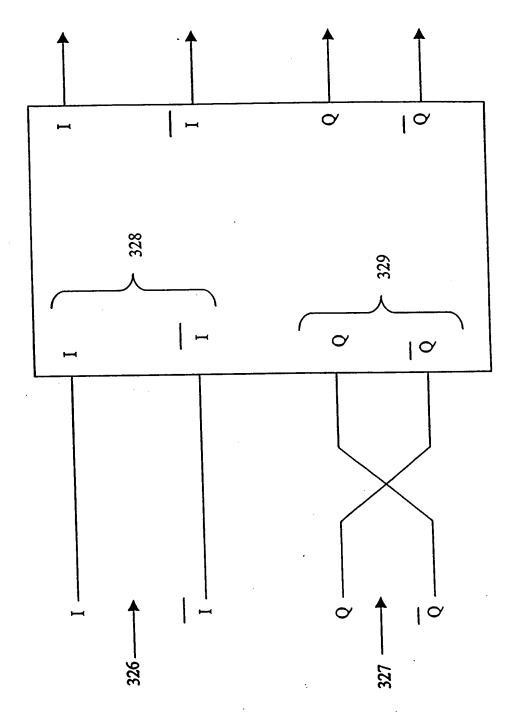
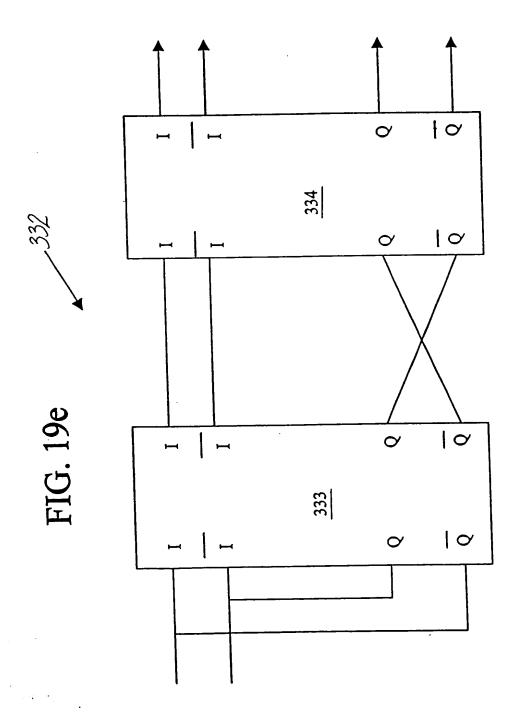




FIG. 19d









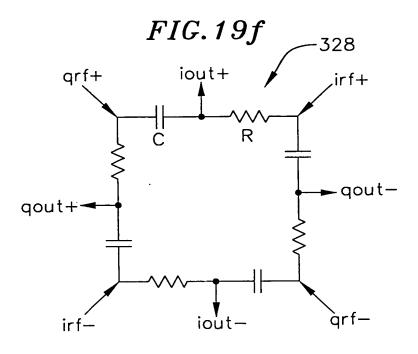


FIG. 19g

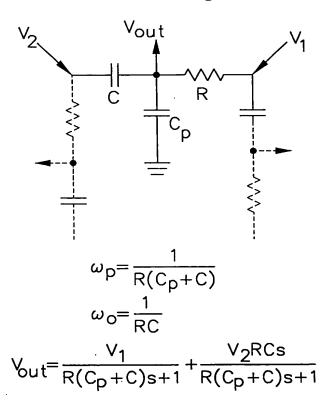




FIG.20(a)

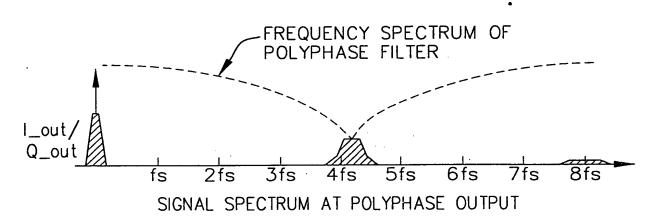
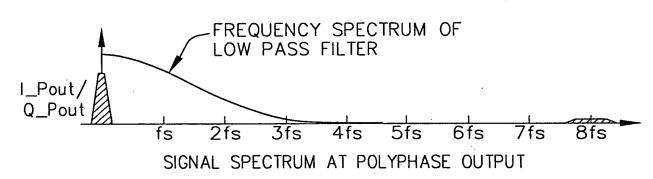


FIG.20(b)



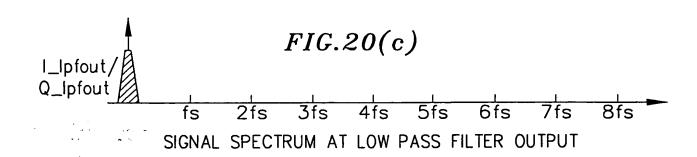




FIG.21

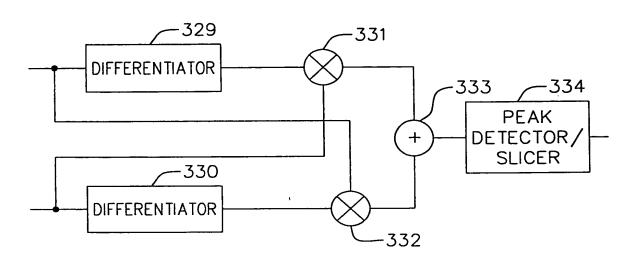


FIG.22

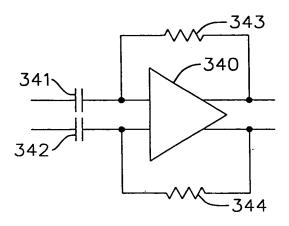




FIG.23

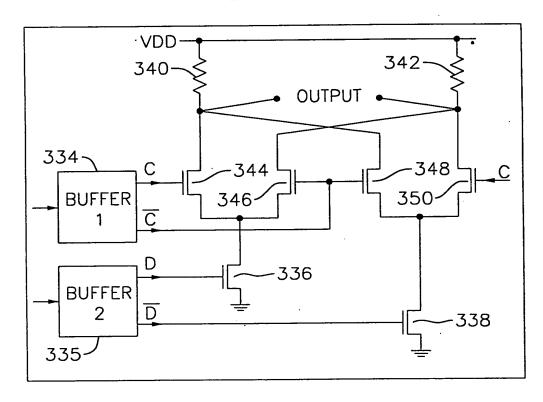
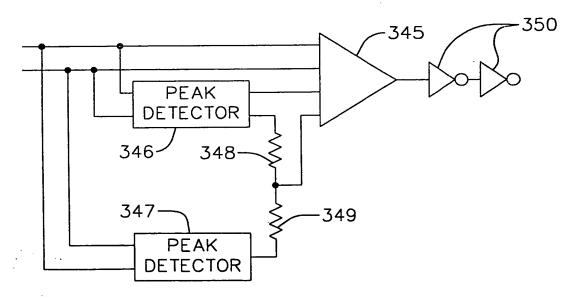
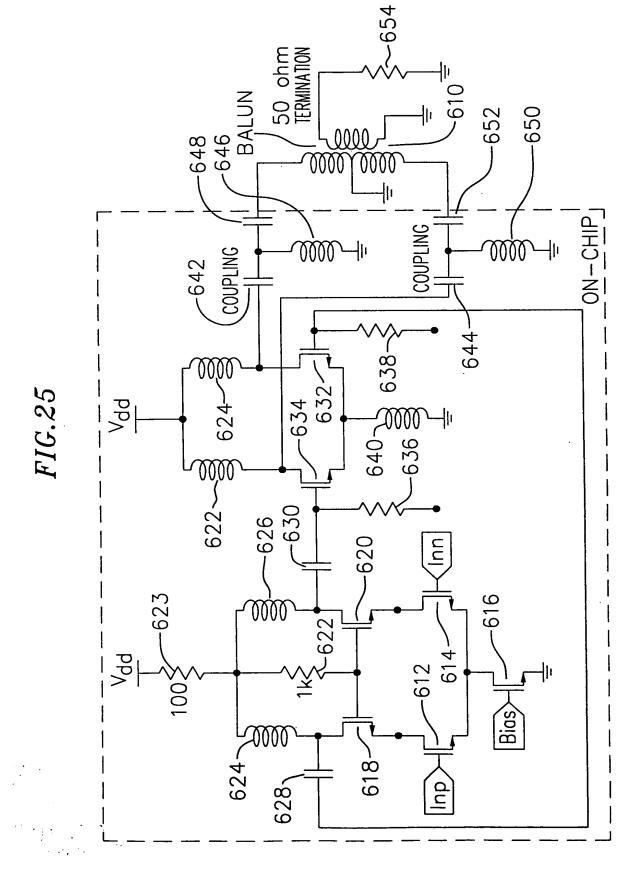


FIG.24









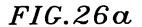
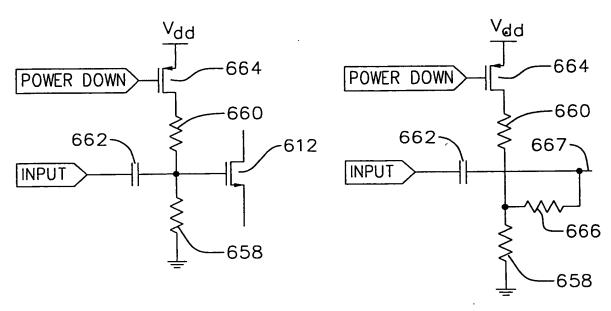


FIG.26b



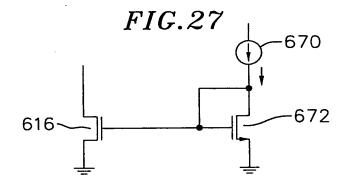
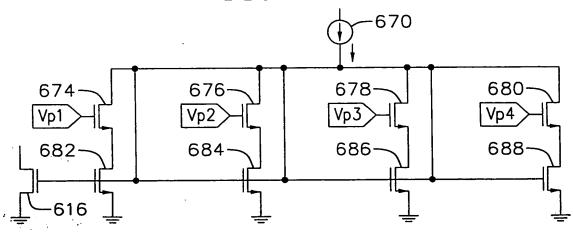
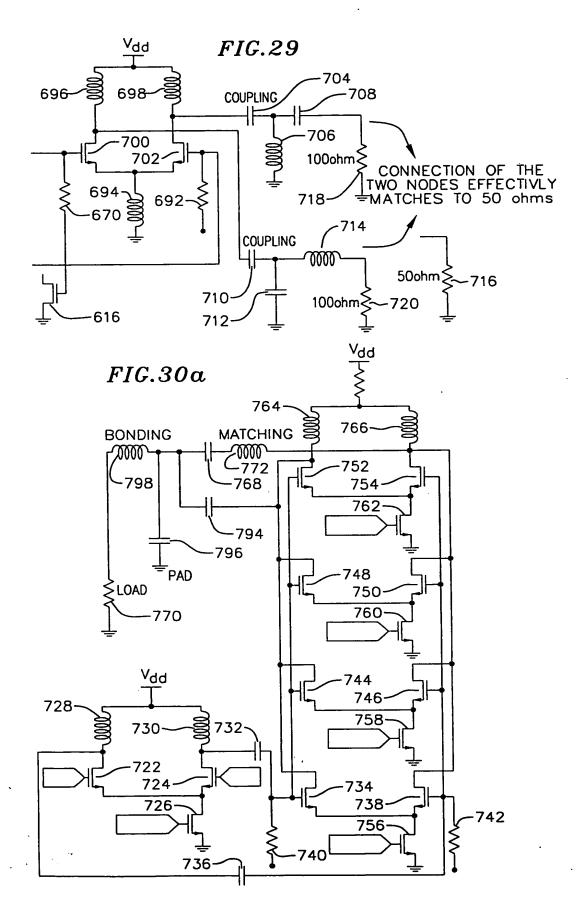


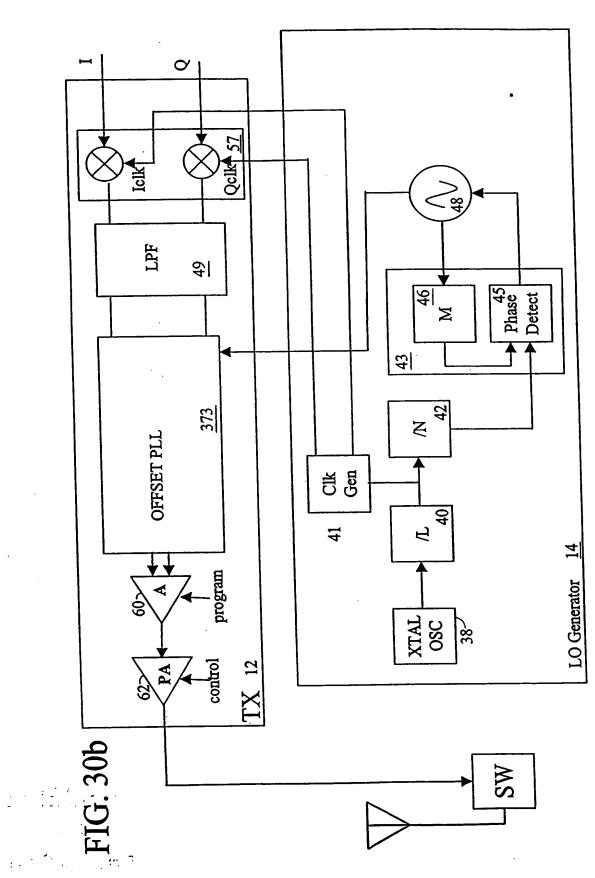
FIG.28



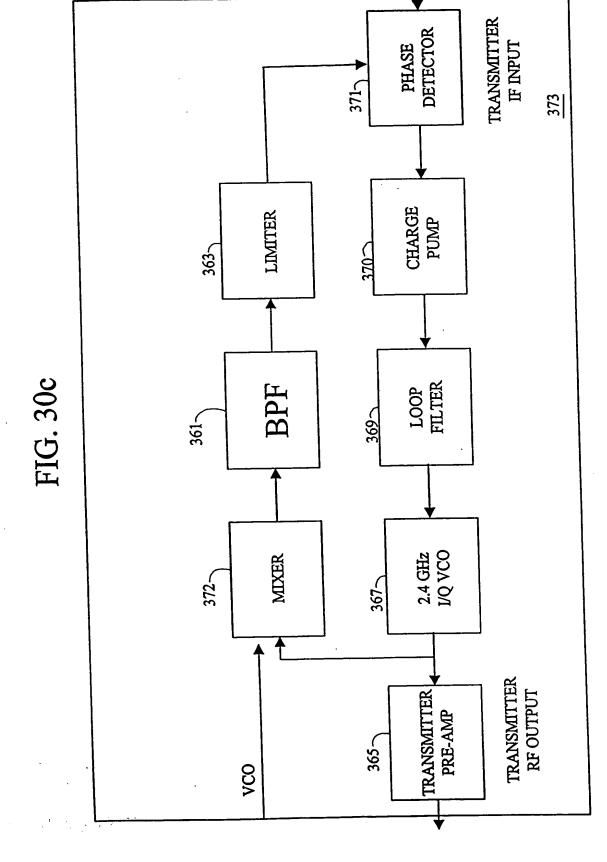




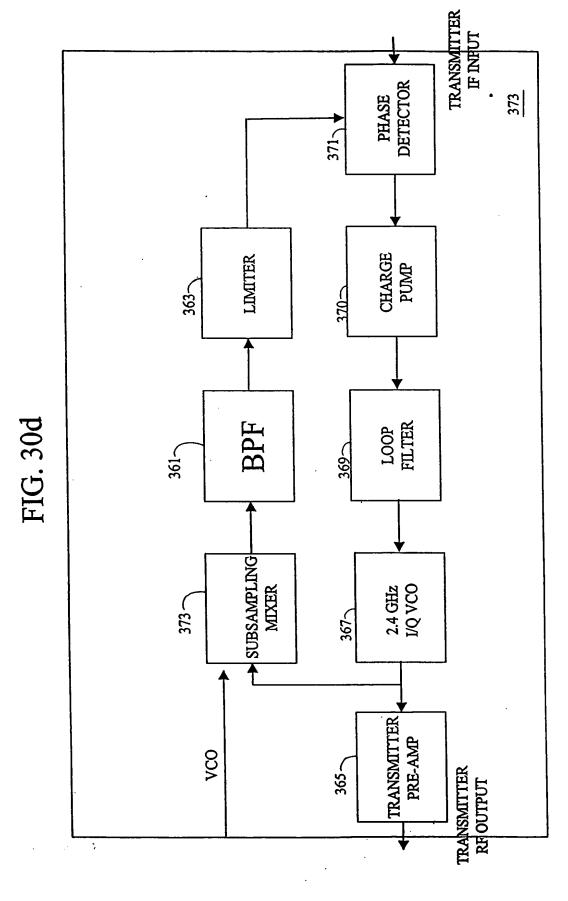




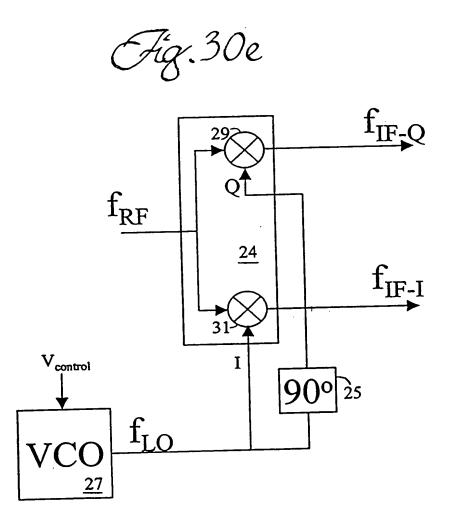




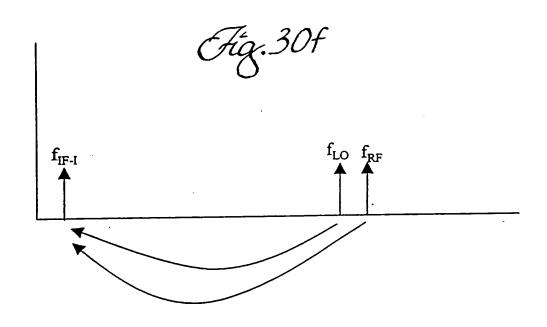


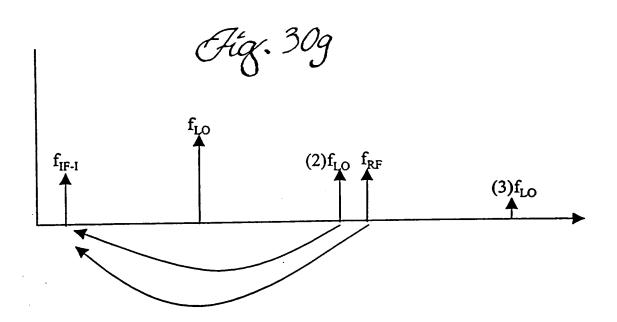


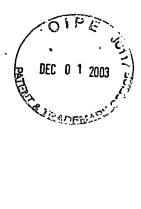


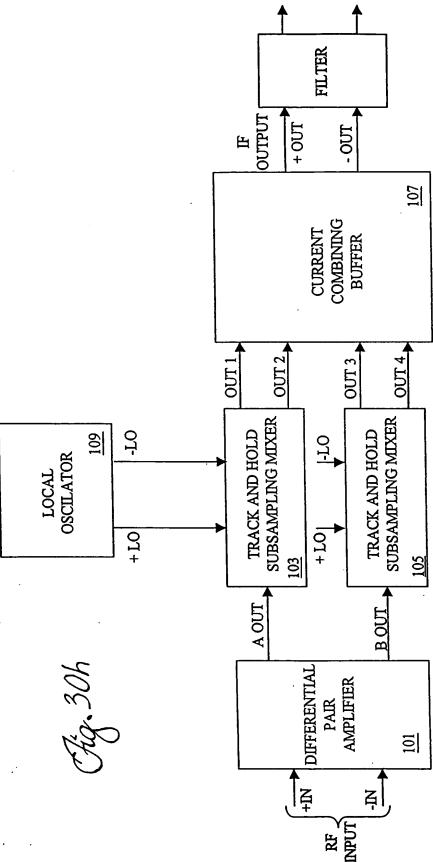




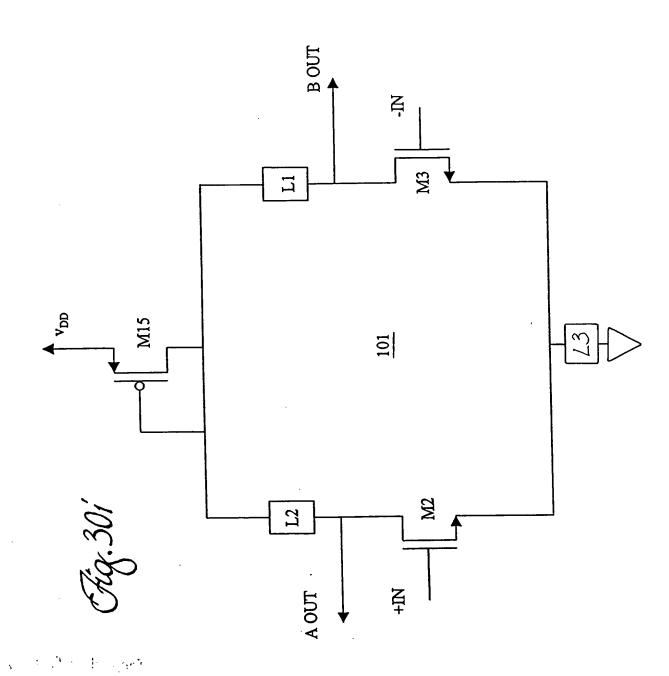




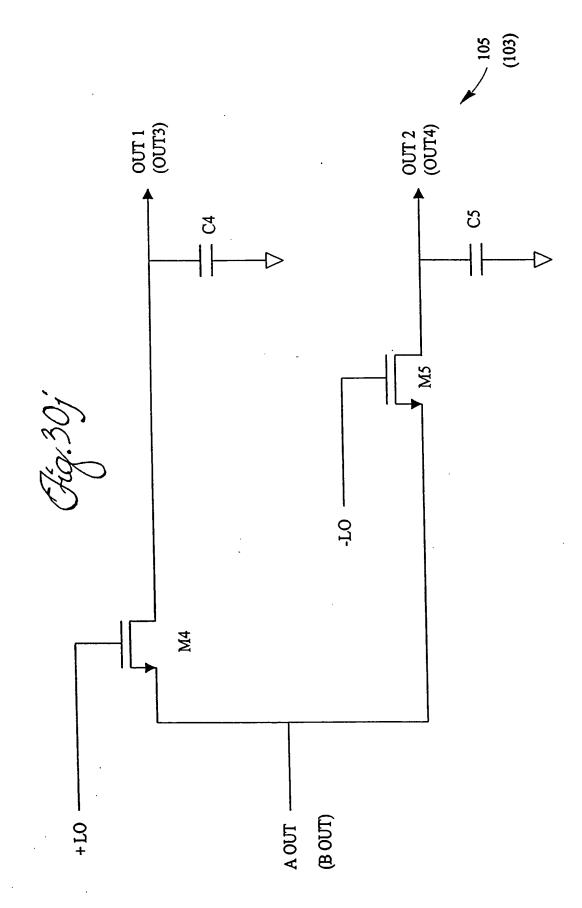




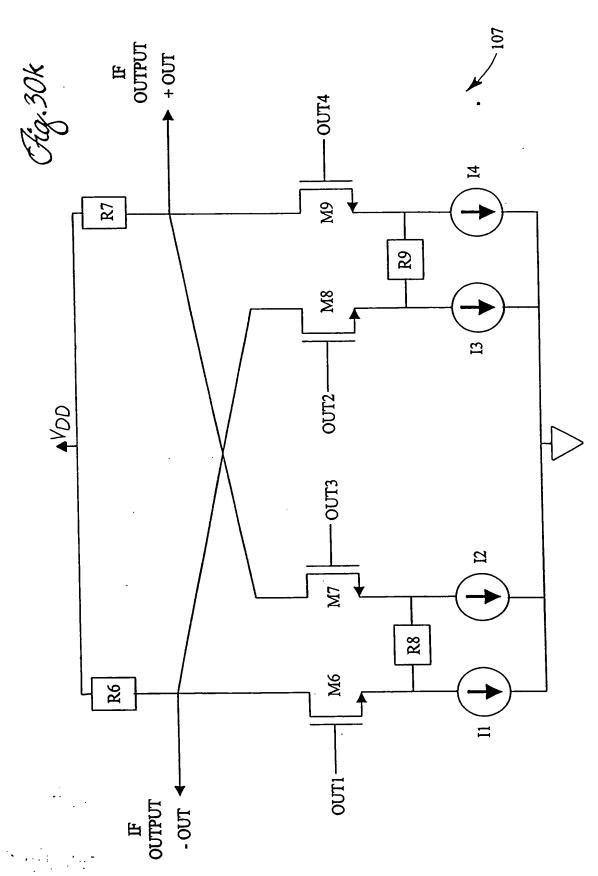




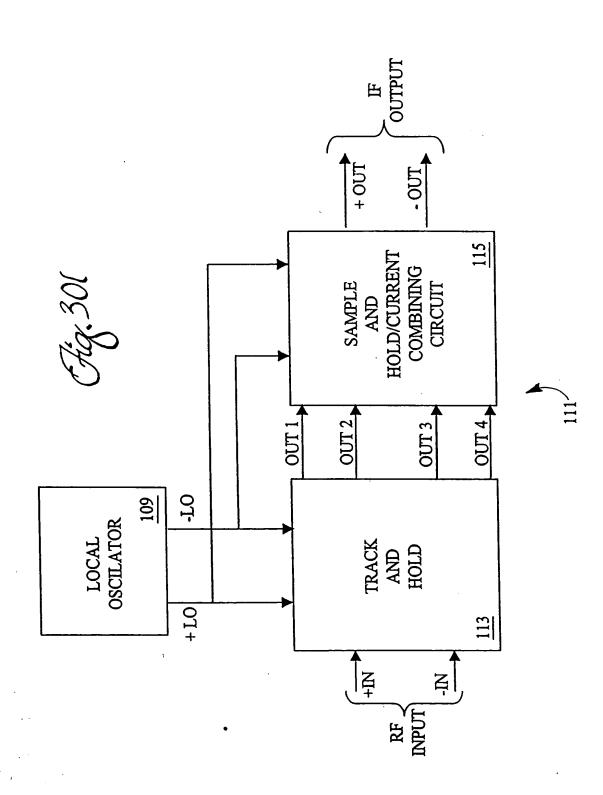




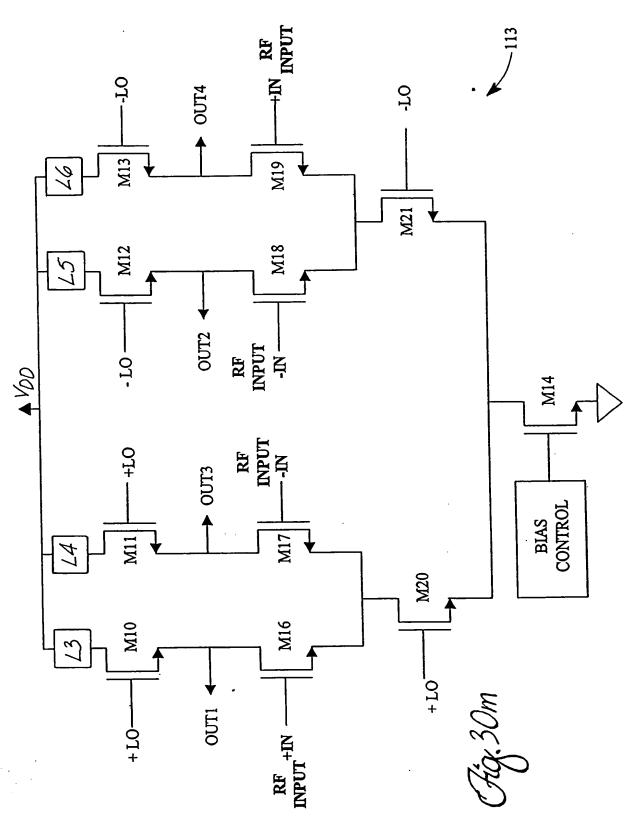














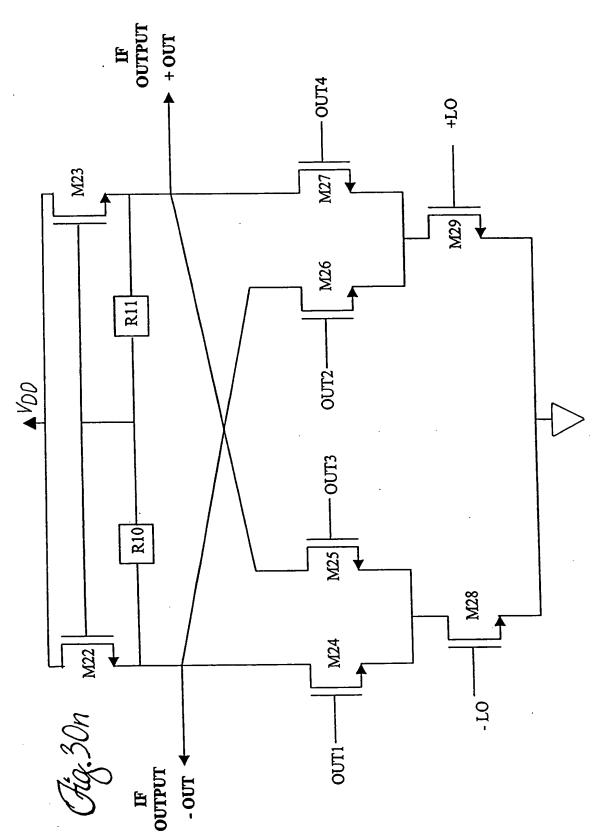
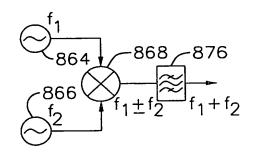




FIG.31 α



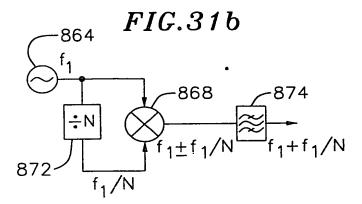


FIG.32

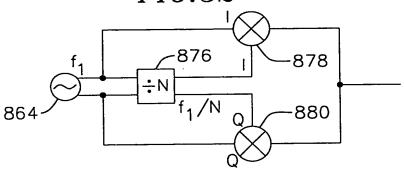


FIG.33

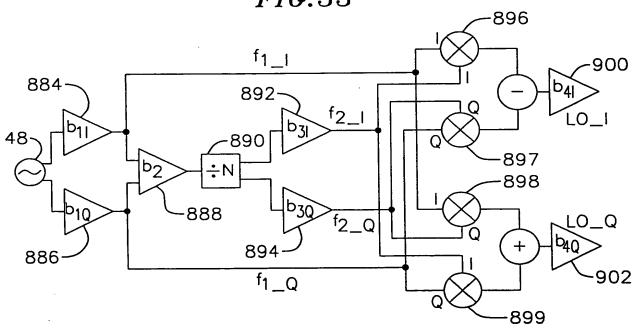




FIG.33b

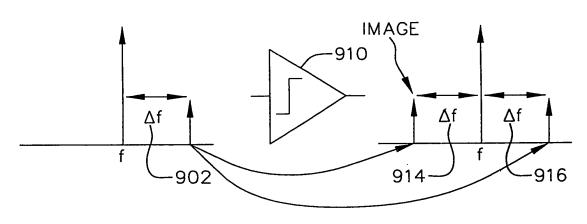


FIG.34

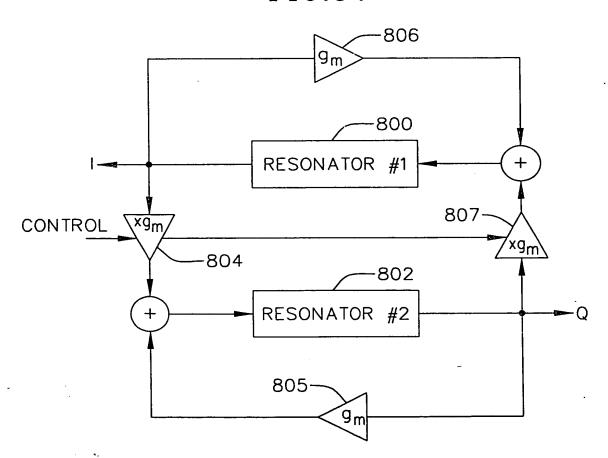
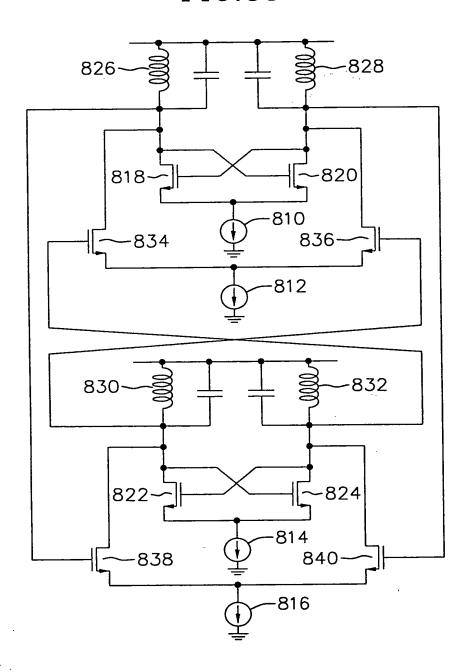
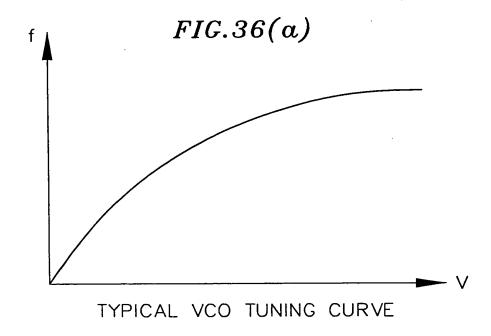


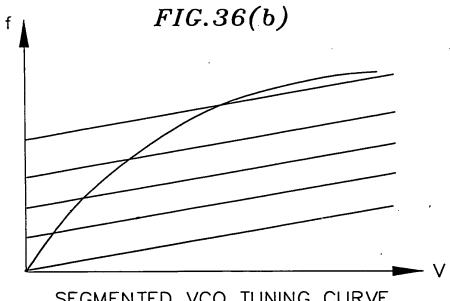


FIG.35









SEGMENTED VCO TUNING CURVE



 $FIG.37\alpha$

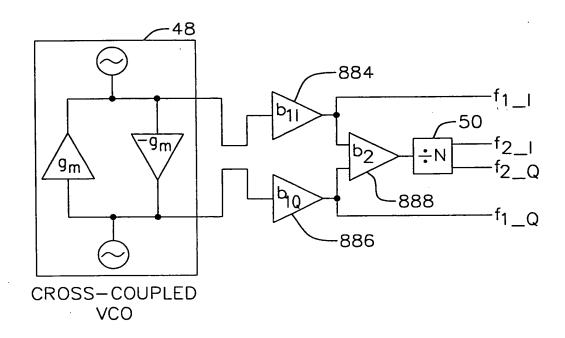


FIG.37b

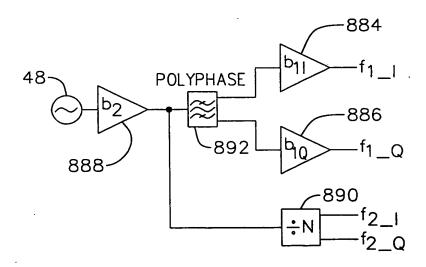
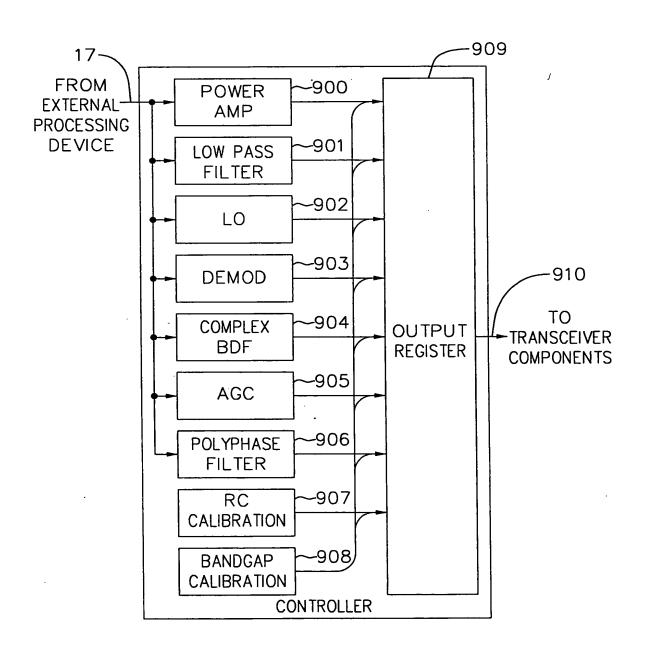
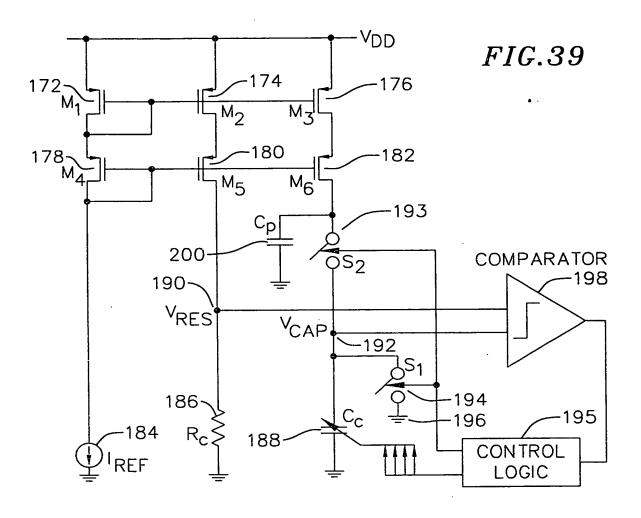


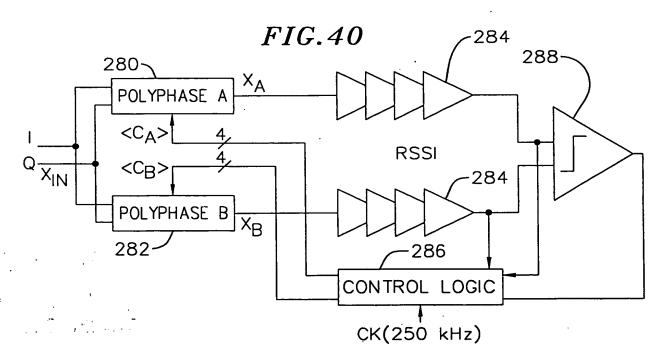


FIG.38

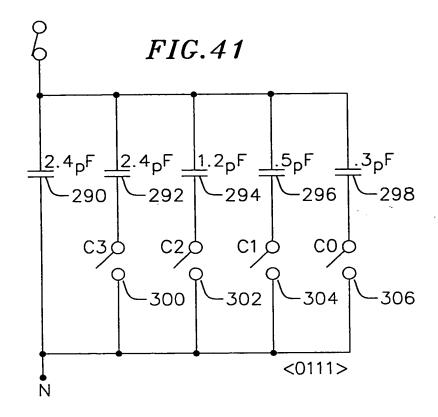


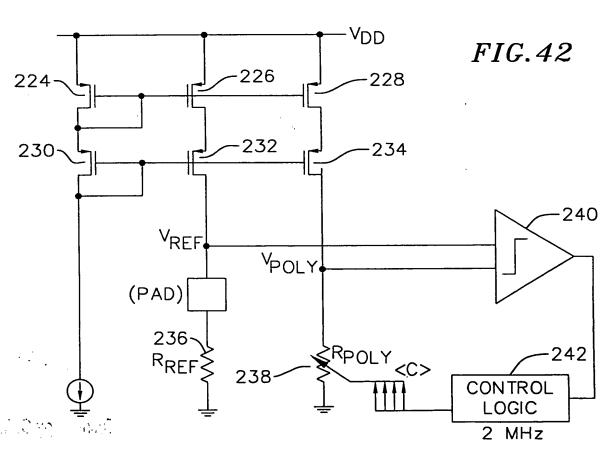




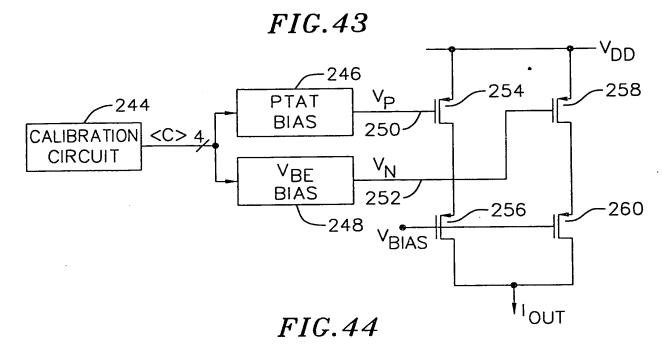












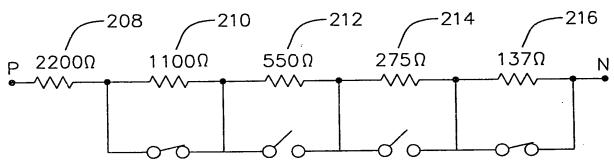


FIG. 45

858

BIAS

CAP 1

CAP 2



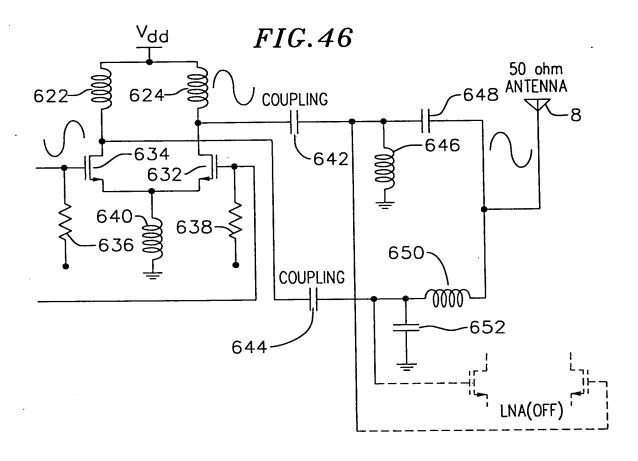


FIG. 47

COUPLING

FA(OFF)

COUPLING

648

COUPLING

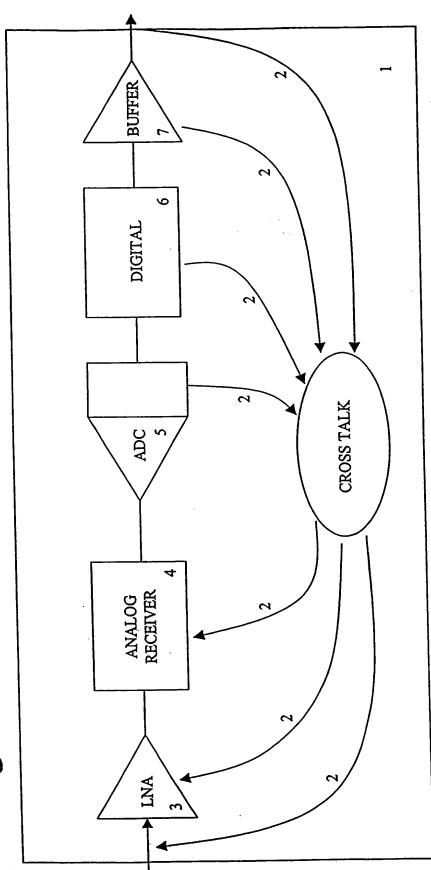
650

COUPLING

644

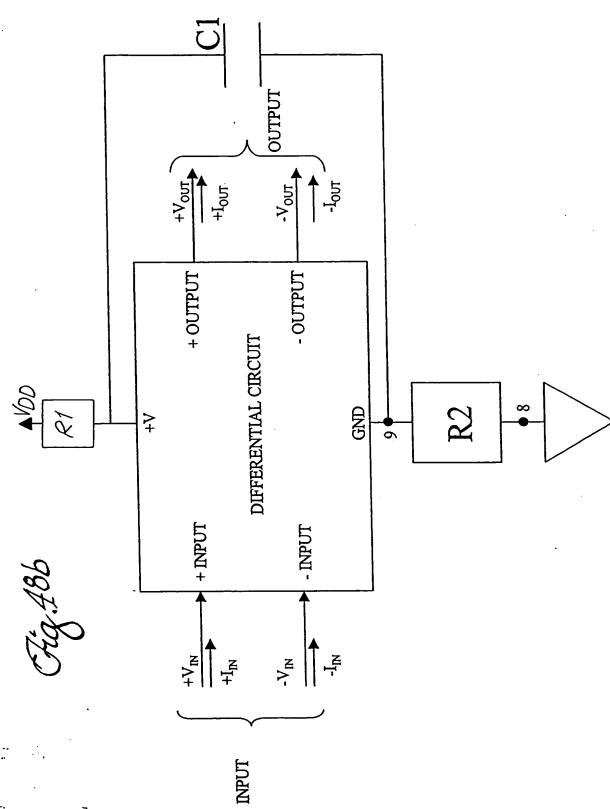
FIG. 47





Glg.48a





ระจับ (กา**ศ**ระจั



